

DIALOG(R)File 351:Derwent WPI
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**Aq. silicone emulsion compsn. forming rubber film of high strength -
contg. organopolysiloxane(s), silica and/or polysylsesquioxane,
organoalkoxysilane and curing catalyst**

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Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8085760	A	19960402	JP 94221662	A	19940916	199623 B
JP 3181791	B2	20010703	JP 94221662	A	19940916	200139

Priority Applications (No Type Date): JP 94221662 A 19940916

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8085760	A		10	C08L-083/04	
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Abstract (Basic): JP 8085760 A

The compsn. contains, as chief components, 100 pts. wt. of (A) an organopolysiloxane shown by formula (I) and containing at least two OR₂ gps. in one molecule, 0.5-50 pts. wt. of (B) an organopolysiloxane which containing at least two Si-H bonds in one molecule but containing at least three Si-H bonds in one molecule when (A) has two hydroxyl gps. and/or alkoxyl gp. in one molecule, 0.1-20 pts. wt. of (C) silica and/or polysylsesquioxane, 0.1-20 pts. wt. of (D) an amide gp. and carboxyl gp.-contg. organoalkoxysilane and/or partly hydrolysed condensate thereof, 0.1-20 pts. wt. of (E) an epoxy gp. or amino gp.-contg. organoalkoxysilane and/or partly hydrolysed condensate thereof and 0.1-10 pts. wt. of (F) a curing catalyst. In (I) R₁ = 1-20C (substd.) monovalent hydrocarbon gps. They may be identical or different; Z = gps. shown by R₁, R₂ or (OSiR₁)_kOR₂; k = integer of 0 to 1,000; X = gps. shown by R₁₂ or OR₂. They may be identical or different; m = integer of 100-10,000; n = integer of 0-1,000.

ADVANTAGE - The aqueous silicone emulsion compsn. forms a rubber film having high strength, high flexibility, excellent flame retardance and strong adhesion to various substrates. It is useful for coating.

Dwg.0/1

Title Terms: AQUEOUS; SILICONE; EMULSION; COMPOSITION; FORMING; RUBBER;
FILM; HIGH; STRENGTH; CONTAIN; ORGANO; POLYSILOXANE; SILICA; ORGANO;
ALKOXY; SILANE; CURE; CATALYST

Derwent Class: A26; A82; G02

International Patent Class (Main): C08L-083/04

International Patent Class (Additional): C08K-003/36; C08K-005/54;

C08L-083/05; C08L-083/06; C08L-083/08; C09D-183/04

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